



### **State Water Resources Control Board**

Division of Drinking Water

July 11, 2018

Certified Mail 7012 3460 0003 1113 0062

Rick Dewante Tahoe Park Water Company 5000 Windplay Dr, Suite 4 El Dorado Hills, Ca 95762

TRANSMITTAL OF CITATION NO. 01-02-18C-009

Dear Mr. Dewante:

The State Water Resources Control Board (Board), Division of Drinking Water, has issued the Tahoe Park Water Company – Skyland/Nielsen water system a citation, which is attached.

Any person who is aggrieved by an order or decision issued by the deputy director of the Division of Drinking Water under Article 8 (commencing with Health and Safety Code Section 116625) or Article 9 (commencing with Health and Safety Code Section 116650), of the Safe Drinking Water Act (Chapter 4, Part 12, Division 104, of the Health and Safety Code) may file a petition with the State Board for reconsideration of the order or decision. The enclosed citation contains the relevant statutory provisions for filing a petition for reconsideration. (Health and Safety Code Section 116701)

Petitions must be received by the State Board within 30 days of the issuance of the order or decision by the Deputy Director. The date of issuance is the date when the Division of Drinking Water mails a copy of the order or decision. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day. Petitions must be received by 5:00 p.m. Information regarding filing petitions may be found at: <a href="http://www.waterboards.ca.gov/drinking\_water/programs/petitions/index.shtml">http://www.waterboards.ca.gov/drinking\_water/programs/petitions/index.shtml</a>

If you have any questions, please contact Michael Burgess at (530) 224-6506 or me at (530) 224-4828.

Stephen W. Watson, P.E. Lassen District Engineer

**Drinking Water Field Operations Branch** 

**Enclosures** 

cc: Richard L. Hinrichs, Chief, DDW-Northern California Section

Placer County Department of Environmental Health

3110049/Enforcement 07092018 Cit Ltr/mtb

FELICIA MARCUS, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

364 Knollcrest Drive, Suite 101, Redding, CA 96002 | www.waterboards.ca.gov



1	STATE OF CALIFORNIA				
2	STATE WATER RESOURCES CONTROL BOARD				
3	DIVISION OF DRINKING WATER				
4					
5	TO: Tahoe Park Water Company- Skyland/Nielsen				
6	5000 Windplay Dr, Suite 4				
7	El Dorado Hills, CA 95762				
8	Attn: Rick Dewante, Owner				
9					
10	CITATION FOR VIOLATION OF CONDITIONS OF WATER SUPPLY				
1	PERMIT NO. 01-02-16(P)005 AND CALIFORNIA CODE OF REGULATIONS,				
12	TITLE 22, SECTION 64690.10(a)(3)				
13					
14	WATER SYSTEM NO. 3110049				
15	CITATION NO. 01-02-18C-009				
16	Issued on July 11, 2018				
17					
18	Section 116650 of the California Health and Safety Code authorizes the issuance of a citation				
19	to a public water system for violation of the California Safe Drinking Water Act (Health and				
20	Safety Code, Division 104, Part 12, Chapter 4, commencing with Section 116270) (hereinafter				
21	"California SDWA"), or any regulation, standard, permit or order issued or adopted thereunder.				



The State Water Resources Control Board (hereinafter "State Board"), acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division (hereinafter "Deputy Director"), hereby issues a citation to the Tahoe Park Water Company – Skyland/Nielsen (hereinafter, Company), located on the west shore of Lake Tahoe on the west side of Highway 89 between Sunnyside and Tahoe Pines, for failure to comply with Condition 6 of Domestic Water Supply Permit No. 01-02-16(P)005 and violation of Title 22, Section 64690.10(a)(3) of the California Code of Regulations (CCR).

### **APPLICABLE AUTHORITIES**

### Section 116650 of California Health and Safety Code provides:

- (a) If the State Board determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the State Board may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.
- (b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.
- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.
  - (d) A citation may include the assessment of a penalty as specified in subdivision (e).



1	(e) The State Board may assess a penalty in an amount not to exceed one thousand			
2	dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation			
3	continues to occur. A separate penalty may be assessed for each violation.			
4				
5	Title 22, Section 64690.10(a) of the California Code of Regulations provides:			
6	Each system shall report the following within the first 10 days after the end of each period during			
7	which such sampling or monitoring was conducted:			
8	(a) For lead and copper tap sampling:			
9	(1) The results of all tap samples including the location of each site and the			
10	associated tier criteria from section 64676 (Sample Site Selection);			
11	(2) The 90th percentile lead and copper concentrations calculated pursuant to			
12	section 64678 (Determination of Exceedances of Lead and Copper Action Levels); and			
13	(3) With the exception of the first period of tap sampling, an identification of any site			
14	that was not sampled during previous periods, along with an explanation of why the sampling			
15	site was changed;			
16				
17	Domestic Water Supply Permit 01-02-16(P)-005, Condition 6 provides:			
18	6. The Company shall submit a lead and copper Tap Water Sampling Plan by no later than			
19	November 30, 2016. The Company may use the enclosed Form 141-A to meet this			
20	requirement. The Company shall submit an Amended Form 141-A for approval prior to			



21

making any changes to the tap water monitoring sites.

### STATEMENT OF FACTS

The Company is a community water system that serves an estimated population of 50 year-
round residents through 91 service connections on the West Shore of Lake Tahoe. The water
system is currently served by a single well located in the Nielsen portion of the subdivision.
Disinfection of the groundwater supply is not provided. The water system is served by two
storage tanks, a 20,000-gallon redwood tank and a 60,000-gallon steel tank.

According to Division records, the Company has conducted 24 rounds of monitoring for lead and copper in the distribution system with two exceedances of the lead action level of 0.015 milligrams per liter (mg/L) and six exceedances of the copper action level of 1.3 mg/L. Based on these past monitoring results and in accordance with Title 22, Section 64675 of the CCR, the Company was required to collect two sets of five tap water samples from the distribution system each year, five to seven months apart, for lead and copper monitoring. At least one sample set must be collected during the months of June, July, August, or September.

The sample sites are to be selected in accordance with Title 22, Section 64676 of the CCR, and in accordance with Title 22, Section 64690.10(a) of the CCR, the Company is required to report to the Division the results of all tap samples including the location of each site and associated tier criteria, the 90<sup>th</sup> percentile lead and copper concentrations for the sample set, and an identification of any site that was not sampled during previous periods, along with an explanation of why the sample site was changed. Additionally, Condition 6 of the Company's Domestic Water Supply Permit No. 01-02-16(P)-005 requires the Company to submit any changes to the lead and copper monitoring sites to the Division for our review and approval at least 15 days prior to performing the monitoring.



2 Access
 3 system
 4 five
 5 the
 6 site
 7 to five
 8 san
 9 has

According to Division records, the Company last sampled for lead and copper in the distribution system during March 2018. On April 9, 2018, the Division received the results from the set of five tap water samples along with documentation of how the samples were collected. However, the Company has never conducted lead and copper monitoring in the past at any of the five sites that were sampled during March 2018. The Company did not submit these site changes to the Division for our approval, nor did the Company provide any reason as to why all five sample sites had been changed to sites that had never been sampled before. The Company has failed to consistently monitor from the same sites from one round of monitoring to the next and has now utilized 29 different sites over the 24 rounds of monitoring conducted.

### **DETERMINATION**

The Division has determined that the Company violated Title 22, Section 64690.10(a)(3) of the CCR and failed to comply with Condition 6 of Domestic Water Supply Permit No. 01-02-16(P)-005, in that the Company failed to identify the lead and copper monitoring sites that were not sampled during previous periods, along with an explanation of why the sample sites were changed, and failed to submit a list of the changes to the monitoring sites to the Division for our review and approval at least 15 days prior to performing the monitoring.



CITATION NO. 01-02-18C-009 Issued: July 11, 2018

1		DIRECTIVES
2	The C	ompany is hereby directed to take the following actions:
3		
4	1.	Comply with Title 22, Sections 64675 and 64675.5 of the CCR by collecting a set of five
5		tap water samples from the distribution system for lead and copper monitoring by no
6		later than September 30, 2018.
7		
8	2.	The Company shall submit a lead and copper Tap Water Sampling Plan to the Division
9		for our review and approval by no later than July 31, 2018. The Company shall select
10		the five sample sites from the following sites that were used during the first two rounds
11		of monitoring performed by the Company that exceeded the lead and copper action
12		levels:
13	,	310 Leota Way
14		315 Leota Way
15		3240 Ann Road
16		285 Elizabeth Drive
17		300 Elizabeth Drive
18		310 Elizabeth Drive
19		335 Elizabeth Drive
20		
21	3.	If the Company proposes to collect a sample from any site not listed in Directive 2
22		above, they shall submit a Lead and Copper Tap Sampling Site Change Form
23		(enclosed), including an explanation of why they are sampling from any site not listed in
24		Directive 2 above.



CITATION NO. 01-02-18C-009 Issued: July 11, 2018 

- 4. In all future monitoring, the Company shall submit a Lead and Copper Tap Sampling Site Change Form to the Division prior to making any changes to the tap water monitoring sites along with an explanation of why they are changing sites.
- 5. The Company shall use the Lead and Copper Tap Sample Results Reporting Form (enclosed) to submit the results from all lead and copper monitoring in the distribution system to the Division within 30 days of receiving the results.
- 6. The Company shall provide public notice of the violation as required by Title 22, Section 64463.7 and Section 64465 of the CCR, by no later than August 31, 2018. Notification shall be completed in accordance with each of the following:
  - a. Mail or direct delivery of the notice contained in Attachment 'B' to each customer of the Tahoe Park Skyland/Nielsen water system.
  - b. Provide the notice contained in Attachment 'B' by publication in a local newspaper to reach persons not likely to be reached by a mailing or direct delivery.

Changes and/or modifications to Attachment 'B' shall not be made unless approved by the Division.

7. Complete and return Attachment 'A' entitled "Compliance Certification" to the Division within 10 days of providing the notification. A copy of the notices used to provide public notification shall be attached to the form.

1	All documents required by this Citation shall be submitted to the Division at the following		
2	address:		
3 4 5 6 7 8	Stephen W. Watson, P. E. Lassen District Engineer State Water Resources Control Board Division of Drinking Water 364 Knollcrest Drive, Suite 101 Redding, CA 96002		
9	As used in the Citation, the date of issuance shall be the date of this Citation; and the date of		
10	service shall be the date of service of this Citation, personal or by certified mail, on the City.		
11	Nothing in this Citation relieves the Company of its obligation to meet the requirements of Health		
12	and Safety Code, Division 104, Part 12, Chapter 4 (California Safe Drinking Water Act), or any		
13	regulation, permit, standard or order issued or adopted thereunder.		
14	The Division reserves the right to make such modifications to this Citation, as it may deem		
15	necessary to protect public health and safety. Such modifications may be issued as		
16	amendments to this Citation and shall be effective upon issuance.		
17			
18	PARTIES BOUND		
19	This Citation shall apply to and be binding upon the Company, its officers, directors,		
20	shareholders, agents, employees, contractors, successors, and assignees.		
21			
22	<u>SEVERABILITY</u>		
23	The Directives of this Citation are severable, and the Company shall comply with each and		
24	every provision thereof, notwithstanding the effectiveness of any other provision.		



CITATION NO. 01-02-18C-009 Issued: July 11, 2018

### **FURTHER ENFORCEMENT ACTION**

The California SDWA authorizes the Board to: issue a citation with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California SDWA or any permit, regulation, or order issued or adopted thereunder including, but not limited to, failure to correct a violation identified in a citation or compliance order. The California SDWA also authorizes the Board to take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with an order of the Board; and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with an order of the Board. The Board does not waive any further enforcement action by issuance of this citation.

12		1.1
13		7/11/18
14	Date	, ,

Date

1

2

3

4

5

6

7

8

9

10

11

15

16

17

18

19

20

21

22

23

Stephen W. Watson, P.E.

Lassen District Engineer Division of Drinking Water

State Water Resources Control Board

### Attachments:

'A' Compliance Certification Form

'B' Public Notification: Important Information about Your Drinking Water

Lead and Copper Tap Sample Results Reporting Form

Lead and Copper Tap Sample Site Change Form

Lead and Copper Tap Sample Results Guidance Document



### Attachment A

### CERTIFICATION OF COMPLETION OF PUBLIC NOTIFICATION

This form, when completed and returned to the Division of Drinking Water (364 Knollcrest Drive, Suite 101, Redding, CA 96002), serves as certification that public notification to water users was completed as required by the California Water Quality and Monitoring Regulations. Completing public notification and providing the Division of Drinking Water with certification is important. Failure to do so will result in additional hourly time charges to your water utility and may result in a formal enforcement action with monetary penalties.

Public Water System Name _	Tahoe Park Water Company – Skyland/Nielsen
Public Water System No	3110049
Public notification for the lead and copper failumethod(s) (check and complete those that ap	ure to monitor was performed by the following ply):
The notice was published in the local r newspaper notice is attached.	newspaper on A copy of the
The notice was mailed to users on attached.	A copy of the notice is
The notice was hand delivered to wate of the notice is attached.	er customers on A copy
A copy of the notice was posted on th	e Company's website on
The attached notice was posted in the	following conspicuous places:
For this method, provide the date (or d	lates) that the notice was posted
hereby certify that the above information is fa	actual.
	Printed Name
	Signature
	Date

### IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

# Monitoring Requirements Not Met for The Tahoe Park Water Company – Skyland/Nielsen Water System

Our water system failed to monitor as required for drinking water standards and, therefore, was in violation of the regulations. Even though this failure was not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We failed to perform monitoring for lead and copper in the distribution system in accordance with all regulatory requirements and with the conditions of our operating permit. While we collected five samples for lead and copper monitoring, as required by regulation, we failed to sample at sites that we had used in the past and failed to receive approval from the State Water Quality Control Board, Division of Drinking Water, for the change in lead and copper monitoring sites. The levels of lead and copper met drinking water standards in the most recent set of five samples that we collected.

### What should I do?

- There is nothing you need to do at this time.
- If you have health issues concerning the consumption of this water, you may wish to consult your doctor.

### What happened? What is being done?

We are required to collect a set of at least five samples from the distribution system for lead and copper monitoring at least twice each year five to seven months apart. At least one set must be collected during the months of June, July, August, or September. We have been directed by the State Water Board to collect a set of at least five samples for lead and copper monitoring by no later than September 30, 2018, from a pool of seven sites that the Company previously used for monitoring during 2005 and 2006.

We plan to collect a set of five tap water samples for lead and copper monitoring by September 30, 2018 and every five to seven months thereafter.

For more information, please contact Richard Dewante at (530) 583-3938 or the State Water Resources Control Board, Division of Drinking Water, at (530) 224-6506 or (530) 224-4800.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

### **Secondary Notification Requirements**

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- SCHOOLS: Must notify school employees, students, and parents (if the students are minors).
- RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS (including nursing homes and care facilities): Must notify tenants.
- BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS: Must notify employees of businesses located on the property.

This notice is being sent to you by the Tahoe Park Water Company				
State Water System ID#:	3110049	Date distributed:	_	

## **State Water Resources Control Board**

## Division of Drinking Water Lead and Copper Tap Sampling Site Change Form



This form is to be completed and submitted with the **Lead and Copper Tap Sample Results Reporting Form** if any sampling site(s) are changed, with exception of the first period of tap sampling

Water System Type: Community Non-Transient, Non-Community					
	Original Sampli	ing Site		New Samp	oling Site
Address/Location:					
Tier Level:	○ Tier 1 ○ Tier 2	◯ Tier 3	Tier 1	Tier 2	◯ Tier 3
	Representative		Represer	ntative	
Reason for sampling	site change:		· · · · · · · · · · · · · · · · · · ·		
	Original Sampli	ing Site		New Samp	oling Site
Address/Location:					
Tier Level:	Tier 1 Tier 2	Tier 3	Tier 1	◯ Tier 2	○ Tier 3
	Representative		Represer	ntative	
Reason for sampling	site change:		, I		
	-				
A.I.I	Original Sampl	ing Site		New Samp	oling Site
Address/Location:					
Tier Level:	○ Tier 1 ○ Tier 2	Tier 3	Tier 1	Tier 2	○ Tier 3
	Representative		Represer	ntative	
Reason for sampling	site change:				
		t			
	•	<u> </u>			
SIGNATURE:			DATE:		
NAME (Print):			TITLE:		

## State Water Resources Control Board Division of Drinking Water Lead and Copper Tap Sample Results Guidance Document



This guidance document was developed to help public water systems comply with the California Lead and Copper Rule (LCR). The LCR requires community water systems and non-transient non-community water systems to monitor lead and copper levels at the consumers' taps. If action levels are exceeded, installation of corrosion control treatment is required. If the action level for lead is exceeded, public notification is required.

Lead Action Level = 0.015 mg/L Copper Action Level = 1.3 mg/L

Compliance with the lead and copper action levels is based on the 90<sup>th</sup> percentile lead and copper levels. This means that the concentration of lead and copper must be less than or equal to the action level in at least 90% of the samples collected.

To help explain compliance with the LCR, information on the following topics are included in this document:

Section 1.	Number of Tap Sample Sites Required
Section 2.	When to Sample
Section 3.	Tier Levels
Section 4.	How to Sample
Section 5.	How to Calculate the 90 <sup>th</sup> Percentile Lead and Copper Levels
Section 6.	What to Do if You Exceed the Lead or Copper Action Level
Section 7.	How to Report Your Sample Results
Section 8.	Monitoring Waivers

### **SECTION 1. Number of Tap Sample Sites Required**

The number of tap sample sites required is based on the number of people served (system size) by your water system and also whether you are performing Standard or Reduced Monitoring.

**Table 1. Number of Sampling Sites** 

	Minimum Number of Sites		
System Size	Standard	Reduced	
	Tap Sampling	Tap Sampling	
> 100,000	100	50	
10,001 to 100,000	60	30	
3,301 to 10,000	40	20	
501 to 3,300	20	10	
101 to 500	10	5	
< 101	5	5	

### **SECTION 2.** When to Sample

Samples must be collected during the months of <u>June</u>, <u>July</u>, <u>August</u>, <u>or September</u>, unless the Division approves an alternate set of four months.

### **Standard Monitoring:**

Each water system must complete at least two consecutive 6-month Standard Monitoring periods with no exceedance of the lead or copper action level before the frequency of sampling can be reduced. During each 6-month Standard Monitoring period, you must collect at least one tap sample from the number of sites shown in Table 1, under Standard Tap Sampling.

Therefore, during your first year of sampling, collect a set of samples in the first six months and a set of samples in the second six months. Samples must be analyzed for both lead and copper.

If at any time your 90<sup>th</sup> percentile lead or copper level exceeds the action level, you must contact your respective District Office or County Agency for further guidance.

#### **Reduced Monitoring:**

If you have completed two consecutive 6-month Standard Monitoring periods and the 90<sup>th</sup> percentile levels do not exceed 0.005 mg/L for lead and 0.65 mg/L for copper, you may reduce the number of tap sample sites as shown in Table 1, under Reduced Monitoring, and reduce the frequency at which you sample to once every three years.

If you have completed two consecutive 6-month Standard Monitoring periods and the 90<sup>th</sup> percentile levels are greater than 0.005 mg/L for lead and 0.65 mg/L for copper, but do not exceed the lead or copper action levels, you may reduce the number of tap sample sites as shown in Table 1, under Reduced Tap Sampling. You may also reduce the frequency at which you collect the samples to annual monitoring for two years. Samples must be analyzed for both lead and copper.

After completing the last year of annual monitoring, if there has been no exceedance of the lead or copper action level, collect one set of samples once every three years during the month of June, July, August or September. Again, samples must be analyzed for both lead and copper.

### **SECTION 3.** Tier Levels

Lead and copper tap samples must be collected from sampling locations that meet the following criteria:

Tier Level	Community Water Systems	Non-Transient Non-Community Water Systems	
Tier 1	<ul> <li>Single-family structures that</li> <li>Contain copper pipes with lead solder installed after 1982; or</li> <li>Contain lead pipes; or</li> <li>Are served by a lead service line</li> </ul>	<ul> <li>Buildings that</li> <li>Contain copper pipes with lead solder installed after 1982; or</li> <li>Contain lead pipes; or</li> <li>Are served by a lead service line</li> </ul>	
	If multiple-family residences comprise at least 20 percent of the structures served by a water system, the system may include these types of structures as "tier 1" sites in its sampling pool.		
Tier 2 (use this tier level only if there is an insufficient number of "tier 1" sampling sites)	Buildings (including multiple-family residences) that  Contain copper pipes with lead solder installed after 1982; or  Contain lead pipes; or  Are served by a lead service line	<ul> <li>Buildings that</li> <li>Contain copper pipes with lead solder installed before 1983</li> </ul>	
Tier 3 (use this tier level only if there is an insufficient number of "tier 1" and "tier 2" sampling sites)	Single-family structures that  Contain copper pipes with lead solder installed before 1983	N/A	
Representative	A system with an insufficient number of tier sites shall complete its sampling pool with "representative" sites (i.e. plumbing materials commonly found at other sites) throughout the distribution system.		

Notes:

- 1. If lead service lines are present in the distribution system, at least half of the samples must come from the sites served by lead service lines
- 2. Do not sample from homes or buildings that have point-of-use or point-of-entry treatment devices (e.g., water softener, carbon filter system, etc.)
- 3. Each round of sampling should be conducted at the same sampling sites. If an original sampling site is not available, you should collect a tap sample from another site meeting the same Tier criteria as the original site, and complete/submit the *Lead and Copper Tap Sampling Site Change* form.

### **SECTION 4.** How to Sample

Depending on the type of water system you operate, the following options are available for sample collection:

- You can collect the samples yourself using the procedures outlined below; or
- Residents of the water system can collect the samples for you. Letters are usually sent to find volunteers
  to participate in the sampling program. The attached sample collection instruction sheet must be sent to
  each participant. Residents collect the samples and complete the bottom portion of the instruction sheet.
  You collect the filled sample bottles and the completed instruction sheets from the residents. Sample
  bottles are then transported to the laboratory for analysis.

### Sample Procedures:

- 1) Samples from residential housing are to be taken from a kitchen or bathroom cold-water faucet. Do not sample from faucets that have point-of-use treatment (e.g., water softener, carbon filter system, etc.). Samples from a non-residential building are to be collected from an interior tap from which water is typically drawn for consumption.
- 2) Each sample must be collected after the water has stood undisturbed in the pipes for at least 6 hours. It is best to collect the sample first thing in the morning.
- 3) Each sample must be one liter in volume and must contain the first water drawn from the faucet.
- 4) Remove the cap from the one-liter sample bottle, place the container directly below the faucet and gently open the cold-water tap. Fill the sample bottle to the line marked "1- liter or 1,000-ml" and turn off the water.
- 5) Tightly cap the sample bottle and complete the required information on the sample bottle label.
- 6) All samples must be analyzed by a laboratory certified by the State to perform drinking water lead and copper analyses.

### SECTION 5. How to Calculate the 90<sup>th</sup> Percentile Lead and Copper Levels

Number of Tap Samples Collected	Determination of 90 <sup>th</sup> Percentile Lead and Copper Levels
5	Place results in ascending order and assign each sample a number, 1 for the lowest concentration. Average the 4 <sup>th</sup> and 5 <sup>th</sup> highest sample results to get the 90th percentile level.
More than 5	Place results in ascending order and assign each sample a number, 1 for the lowest concentration. Multiply the total number of samples by 0.9. Round down to the nearest whole number if the decimal is 0.4 or lower and round up if the decimal is 0.5 or higher. The sample result that corresponds with the nearest whole number is the 90 <sup>th</sup> percentile.

### SECTION 6. What to Do if You Exceed the Lead or Copper Action Level

If your 90<sup>th</sup> percentile lead or copper level exceeds the action level, you must contact your respective regulating agency (District office or County Agency) for further guidance.

### **SECTION 7. How to Report Your Sample Results**

Upon completion of each sampling period, the following items must be submitted to your respective District Office or County Agency:

- A fully completed Lead and Copper Tap Sample Results Reporting Form
- A fully completed Lead and Copper Tap Sampling Site Change Form, if needed
- Laboratory copies of all sample results

### **SECTION 8. Monitoring Waivers**

You may apply to the Division for a waiver to reduce the tap sampling frequency for lead and copper to **once every nine years**. If you meet the following materials and monitoring criteria for both lead and copper, a full waiver will be granted. If you meet the materials and monitoring criteria for only one of the chemicals, a partial waiver that covers only that chemical will be granted.

### **Materials Criteria:**

- You must provide certification and documentation that the distribution system and service lines and all
  drinking water supply plumbing, including plumbing conveying drinking water within all residences and
  buildings connected to the system, satisfy the following:
- For lead, the system must be free of plastic pipes that contain lead plasticizers or plastic service lines that contain lead plasticizers, lead service lines, lead pipes, lead-soldered pipe joints, and leaded brass or bronze alloy fittings and fixtures, unless you can demonstrate that such fittings and fixtures will not leach lead into the drinking water.
- For copper, the system must be free of copper pipes and copper service lines.

### **Monitoring Criteria:**

You must have conducted standard tap sampling for at least one six-month period and demonstrate
that the 90<sup>th</sup> percentile levels for all periods of tap sampling conducted since the water system became
free of all lead-containing and/or copper-containing materials do not exceed 0.005 mg/L for lead and
0.65 mg/L for copper. You must continue monitoring at the required frequency (Standard Monitoring
or Reduced Monitoring) until a waiver is granted.